



LOCATE WELL CORRECTLY

4-0-03
2-1-1-1
2-1-1-1
1-1-1-1U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 8.2. 075764
LEASE OR PERMIT TO PROSPECT 14-04-001-587

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pacific Northwest Pipeline Corp. Address 413 E. Main, Farmington, New MexicoLessor or Tract Rosa Unit 31-3 Field Alamo N.W. Ext. State New MexicoWell No. 1-4-1 Sec. 31 R. 5 Meridian N. 10. N. W. County La ArribaLocation 1650 ft. N. of Sec. 31 Line and 1350 ft. W. of Sec. 31 Line of Sec. 31 Elevation 6521'

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Original signed by T. A. DuganDate June 5, 1956 Title District Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling 4-6, 1956 Finished drilling 5-1, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5510 to 5964 No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>10-3/4</u>	<u>32.75</u>	<u>8.0</u>	<u>J-L</u>	<u>167.43</u>	<u>side</u>				
<u>7-5/8</u>	<u>28.40</u>	<u>8.0</u>	<u>J-L</u>	<u>177.43</u>	<u>side</u>				
<u>5-1/2</u>	<u>25.75</u>	<u>8.0</u>	<u>Grain</u>	<u>994.9</u>	<u>Flange</u>				
<u>2-3/8</u>	<u>11.7</u>	<u>8.0</u>	<u>C-1</u>	<u>994.9</u>	<u>per. nipple</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4</u>	<u>13.0</u>	<u>150</u> <u>xx</u> <u>g</u>	<u>ballburton</u>		
<u>7-5/8</u>	<u>3955</u>	<u>150</u> <u>xx</u> <u>50</u> <u>xx</u> <u>neat</u>	<u>ballburton</u>		
<u>5-1/2</u>	<u>5977.47</u>	<u>150</u> <u>xx</u> <u>w/10</u> <u>12-4</u>	<u>ballburton</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 5977 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

5-1, 1956 Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 3675 ul 590 open flow Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1201 1201

EMPLOYEES

Morris Jones William Engineer Driller 3 hr. open flow on 5-17-56 3/4" choke

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>2575</u>	<u>2575</u>	<u>surface</u>
<u>2575</u>	<u>2725</u>	<u>153</u>	<u>ojo alamo- and</u>
<u>2725</u>	<u>3140</u>	<u>415</u>	<u>fruitland- shale w/some sand</u>
<u>3140</u>	<u>3513</u>	<u>373</u>	<u>fruitland-Interbedded sand, shale and</u>
<u>3513</u>	<u>3733</u>	<u>225</u>	<u>fractured lime- and coal</u>
<u>3733</u>	<u>5486</u>	<u>1753</u>	<u>Lewis-shale</u>
<u>5486</u>	<u>5513</u>	<u>32</u>	<u>Bluff House- and</u>
<u>5513</u>	<u>5773</u>	<u>255</u>	<u>fenefee-Interbedded sand, shale and coal</u>
<u>5773</u>	<u>5977</u>	<u>204</u>	<u>Point lookout- and</u>
<u>5977</u>			<u>Total depth</u>
<u>5977</u>			<u>plug back depth</u>

(OVER)

16-43094-3